U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Attorney Docket No. 019680-005800US

UTILITY	
PATENT APPLICATIO	N
TRANSMITTAL	

At	ttorne	y Docket No.	019680-005800US			
Fi	irst In	ventor		Ledebohm, Herbert O.		
Ti	itle	ON-DEMA	ND MEMOR	Y MANAGEMENT		
Ε	xpres	s Mail Label No	EV 330	854350 US		

(Only for new nonprovisional applications under 37 CFR 1.53(b))

	APPLICATION ELEMENTS				ADDRESS TO Mail Stop Patent Application Commissioner for Patents P.O. Box 1450					
See MPEP ci	chapter 600 concerning design patent application contents.					Alexandria, VA 22313-1450				
1. S F (S S S S S S S C F C F C S S S S S S S S	Pechapter 600 concerning design patent application contents. Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing) Applicant claims small entity status. See 37 CFR 1.27. Specification [Total Pages 30] (preferred arrangement set forth below) - Descriptive title of the Invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disciosure									
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	rawing(s) (35 U.	, ,	Total Sheets	_	12. 🗌		Disclosure (IDS)/PTO-144	☐ Copies of II Citations	us	
5. Oath or			Total Pages	2]	13. 🗆		/ Amendment		ļ	
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b. 📙	Copy from a pri				14. 🖂		specifically ite]	
 -	(for a continual			completea)	15. 🔲		opy of Priority		1	
i. <u>L</u> _	DELETION (Signed statemer				. 57	, ,	priority is claim	•		
	named in the pri	or application, se	ee 37 CFR		16. 🛚			under 35 U.S.C. 122 st attach form PTO/SB	135	
. •	1.63(d)(2) and 1	.33(b).			i	or its equiv		st attach form F 10/0D	,55	
6. 🛭 App	olication Data Sh	neet. See 37 C	CFR 1.76		17. 🗆	Other:				
specification Contine	18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation: Prior application information: Examiner Art Unit: For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.									
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Name (Pr	Name (Print/Type) Babak S. Sani				Registration No. (Attorney/Agent) 37,495					
Signature Malal			T		Date	8/227/03				

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments in the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Mail Stop Patent Application, P.O. Box 1450, Alexandria, VA 22313-1450. 60027368 v1// you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PTO/SB/17 (05-03)
Approved for use through 04/30/2003. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL	Complete If Known				\leftarrow			
	Application Number NYA						}	
for FY 2003	Filing Date Aug			Augus	ust 27, 2003			
Effective 01/01/2003. Patent fees are subject to annual revision.	First Named Inventor Le			Ledet	Ledebohm, Herbert O.			
Applicant claims small entity status. See 37 CFR 1.27	Examiner Name N			NYA	NYA			
Express Mail # EV 330854350 US	Art Unit N			NYA	NYA			
TOTAL AMOUNT OF PAYMENT (\$) 876	Attorney Docket No. 019680-005800US				_)			
METHOD OF PAYMENT (check all that apply)				FEE CA	ALCULATION (con	tinued)		
Check Credit Card MoneyOrder Other None	3. ADD	DITIONAL	FEES					
Deposit Account:	Large	Entity		Entity				_]
Deposit 20 4420	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee De	scription		Fee Paid
Account 20-1430 Number	1051	130	2051	65	Surcharge - late fi	ling fee or d	oath {	
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Deposit Account Townsend and Townsend and Crew LLP	1053	130	1053	130	Non-English spec			
Name	1812	2,520	1812	2,520	For filing a reques			
The Commissioner is authorized to: (check all that apply) Charge fee(s) indicated below Credit any overpayments	1804	920*	1804	920*	Requesting public Examiner action	ation of Sir	K prior to	
Charge any additional fee(s) during the pendency of this application	1805	1,840*	1805	1,840*	Requesting public Examiner action	ation of SIF	Rafter	
Charge fee(s) indicated below, except for the filing fee	1251	110	2251	55	Extension for repl	•		}
to the above-identified deposit account.	1252	410	2252	205	Extension for repli month	y within sec	cond	
FEE CALCULATION	1253	930	2253	465	Extension for repl	y within thir	rd month	
BASIC FILING FEE Large Entity	1254	1,450	2254	725	Extension for repl month	y within fou	ırth	
Fee Fee Fee Fee Description Code (\$) Code (\$)	1255	1,970	2255	985	Extension for repl	y within fifth	n month	
Code (\$) Code (\$) Fee Paid 1001 750 2001 375 Utility filing fee 750	1401	320	2401	160	Notice of Appeal]
1002 330 2002 165 Design filling fee	1402	320	2402	160	Filing a brief in support of an appeal			
1003 520 2003 260 Plant filing fee	1403	280	2403	140		Request for oral hearing Petition to institute a public use		
1004 750 2004 375 Reissue filing fee	1451	1,510	1451	1,510	proceeding			
1005 160 2005 80 Provisional filing fee	1452	110	2452					
SUBTOTAL (1) (\$)750	1453	1,300	2453	650	Petition to revive – unintentional			
	1501 1502	1,300 470	2501 2502	650 235	Utility issue fee (or reissue) Design issue fee			
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1502	630	2503	315	Plant issue fee			1
Fees from Extra Claims below Fee Pald	1460	130	1460	130	Petitions to the Commissioner			
Total Claims 27 -20** = 7 ×\$18 = \$126	1807	50	1807	50	Petitions related to applications	o provision:	a)	
Independent 3 -3** = 0 X\$84 = \$0	1806	180	1806	180	Submission of Info	ormation Di	isclosure	
affiple spendent 8021 40 8021 40 8021 40 Recording each patent assignment per property (times number of properties)								
Large Entity Small Entity	1809	750	2809	375	Filing a submission		I rejection	
Large Entity Small Entity Fee Fee Fee Fee Fee Code (\$) Code (\$)	1810	750	2810	375	(37 CFR § 1.129)	al invention		
1202 18 2202 9 Claims in excess of 20				•	examined (37 CF) Request for Conti		1	
1201 84 2201 42 Independent claims in excess of 3 1203 280 2203 140 Multiple dependent claim, if not paid	1801	750	2801	375	(RCE)	IIdea Exam	MIALION	
1204 84 2204 42 *** Reissue independent claims over original patent	1802	900	1802	900 Request for expedited examination of a design application				
205 18 2205 9 ** Reissue claims in excess of 20 Other fee (specify) and over original patent								
SUBTOTAL (2) (\$)126 **or number previously paid, if greater; For Reissues, see above	*Reduc	ed by Bas	ic Filing	Fee Pai	d SUBTOTAL (3) [(\$)	
SUBMITTED BY					Com	plete (if ap	plicable)	
Name (Print/Type) Babak S. Sani Registration No. (Attorn	omey/Agent) 37,495 Telephone 415-576-0200							
Signature Date 8/27/03					J			

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, use to to process, an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. 60027413 V1 if you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/35 (05-03)
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NONPUBLICATION REQUEST CERTIFICATION UNDER 35 U.S.C. 122(b)(2)(B)(i)

Telephone Number

First Named Inventor		Ledebohm, Herbert O	
Title	ON-DEMAND MI	EMORY MANAGEMENT	
Attv D	ocket Number	019680-005800US	

Typed or printed name

I hereby certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.

I hereby request that the attached application not be published under 35 U.S.C. 122(b).

8/27/03
Date
Signature

(415) 576-0200
Babak S. Sani, #37,495

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application upon filing.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant must notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).

This collection of information is required by 37 CFR 1.213(a). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 6 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.